EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jason Daniel on 12/19/2008.

The application has been amended as follows:

1. (Currently Amended) An information processing apparatus, comprising:

a memory configured to store a plurality of individual programs that each include a same instruction set;

compression means for combining and compressing [[a]] the plurality of individual programs that each include a same instruction set to output compressed program data;

first generation means for generating and outputting first auxiliary data including a total number of individual programs combined and compressed by the compression means and a size of each individual program combined and compressed by the compression means;

encryption means operatively connected with the compression means and the first generation means for encrypting said compressed program data received from said compression means together with said first auxiliary data received from said first generation means to output encrypted data.

Claims 2 and 3 (Canceled).

4. (Previously Presented) The information processing apparatus according to claim 1, further comprising:

second generation means for generating second auxiliary data indicating a size of said compressed program data; and

storage means operatively connected with the encryption means and the second generation means for storing said encrypted data received from the encryption means and said second auxiliary data received from said second generation means.

Claim 5 (canceled).

6. (Currently Amended) An information processing method comprising:

storing, at a memory, a plurality of individual programs that each include a same instruction set;

[[a]] combining and compressing [[a]] the plurality of individual programs that each include a same instruction set to form compressed program data:

generating first auxiliary data including a total number of individual programs that have been combined and compressed and a size of each individual combined and compressed program;

encrypting said compressed data together with said first auxiliary data to form encrypted data.

7. (Currently Amended) An information processing apparatus, comprising:

decryption means for decrypting encrypted data including a plurality of encrypted combined and compressed individual programs that each include a same instruction set and encrypted first auxiliary data indicating a total number of the individual programs that were combined and compressed and a size of each of the combined and compressed individual programs to output decrypted compressed program data and decrypted auxiliary data indicating the total number of combined and compressed individual programs and the size of each of the combined and compressed individual programs;

decompression means operatively connected to the decryption means for receiving the decrypted compressed program data and for decompressing said decrypted compressed program data to output decompressed and combined individual programs;

creation means operatively connected to the decryption means for receiving the decrypted first auxiliary data and for creating a management table about locations of individual ones of said plurality of individual programs based on said decrypted first auxiliary data; and

a memory ~~means operatively connected~~ configured to receive the decompressed and combined individual programs from the decompression means and to receive the

management table from the creation means ~~and for storing~~, said memory further

configured to store the decompressed and combined individual programs and said

management table.

Claims 8-10 (Canceled).

11. (Currently Amended) An information processing method, comprising:

decrypting encrypted data including a plurality of encrypted combined and

compressed individual programs that each include a same instruction set and encrypted

first auxiliary data indicating a total number of combined and compressed individual

programs and a size of each of the combined and compressed individual programs to

output decrypted compressed program data including the plurality of combined and

compressed individual programs and decrypted first auxiliary data indicating the total

number of combined and compressed individual programs and the size of each of the

combined and compressed individual programs;

decompressing said decrypted compressed program data to output

decompressed and combined individual programs;

creating a management table about locations of individual ones of said plurality

of individual programs based on said decrypted first auxiliary data; and

storing, at a memory, the decompressed and combined individual programs and

said management table.

12. (Currently Amended) An information processing apparatus, comprising:

compression means for combining and compressing a plurality of individual

programs that each include a same instruction set to output compressed program data;

first generation means for generating and outputting first auxiliary data including

a total number of individual programs combined and compressed by the compression

means and a size of each individual program combined and compressed by the

compression means;

encryption means operatively connected to the compressing means and the first

generation means for encrypting said compressed program data received from said

compression means together with said first auxiliary data received from said first

generation means to form encrypted data;

second generation means for generating second auxiliary data indicating a size

of said compressed program data;

a memory, storage means operatively connected to the encryption means and

the second generation means for storing said, configured to store the encrypted data

received from said encryption means and said second auxiliary data received from said

second generation means;

decryption means operatively connected with the storage means for decrypting

said encrypted data stored in said storage means to restore said compressed program

data and said first auxiliary data;

decompression means operatively connected with the decryption means for decompressing said restored compressed program data received from said decryption means and outputting said decompressed program data as said plurality of combined individual programs;

selection means operatively connected with the decompression means for selecting a_predetermined one of the plurality of combined individual programs from said plurality of combined individual programs received as said decompressed program data from said decompression means; and

execution means for receiving and executing said predetermined one of the plurality of combined individual programs.

13. (Previously Presented) The information processing apparatus according to claim 12, further comprising:

creation means for creating a management table about locations of said plurality of combined individual programs based on said second auxiliary data; and

memory means operatively connected to the decompression means and the creation means for storing said plurality of combined individual programs received from said decompression means and said management table received from said creation means.

14. (Previously Presented) The information processing apparatus according to claim 13, wherein said execution means executes processing of said predetermined

one of the plurality of combined individual programs based on said management table

stored in said memory means.

15. (Previously Presented) The information processing apparatus according to

claim 12, further comprising communication means operatively connected to the

decryption means and the decompression means for instructing the initiation of a

decryption process by said decryption means and a decompression process by said

decompression means, and for notifying the termination of said decryption and

decompression processes.

Claims 16 and 17 (Canceled).

18. (Currently Amended) An information processing method comprising:

combining and compressing a plurality of individual programs that each contain a

same instruction set to output compressed program data;

generating first auxiliary data including a total number of individual programs that

have been combined and compressed and a size of each combined and compressed

individual program;

encrypting said compressed program data together with said first auxiliary data to

form encrypted data;

generating second auxiliary data indicating a size of said compressed program

data;

storing, at a memory, said encrypted data and said second auxiliary data ~~in a data store~~;

accessing said encrypted data from said data store and decrypting said accessed encrypted data to restore said compressed program data and said first auxiliary data;

decompressing said restored compressed program data and outputting decompressed program data as said plurality of combined individual programs;

selecting a predetermined one of the plurality of combined individual programs from said plurality of combined individual programs forming said decompressed program data; and

executing said predetermined one of the plurality of combined individual programs.

19. (Previously Presented) The information processing method according to claim 6, further comprising:

generating second auxiliary data indicating a size of said compressed program data; and

storing said encrypted data and said second auxiliary data.

20. (Previously Presented) The information processing apparatus according to claim 18, further comprising:

creating a management table about locations of said plurality of combined

individual programs based on said second auxiliary data; and

storing said plurality of said combined individual programs and said management

table in a data store.

The following is an examiner's statement of reasons for allowance: Examiner is

unable to find any prior art or combination thereof that teaches a memory configured to

store a plurality of individual programs that each include a same instruction set,

compression means for combining and compressing the plurality of individual programs

to output compressed program data, first generation means for generating and

outputting first auxiliary data including a total number of individual programs combined

and compressed by the compression means and a size of each individual program

combined and compressed by the compression means, and encryption means

operatively connected with the compression means and the first generation means for

encrypting said compressed program data received from said compression means

together with said first auxiliary data received from said first generation means to output

encrypted data.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES TURCHEN whose telephone number is (571)270-1378. The examiner can normally be reached on MTWRF 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on (571)272-3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JRT
/Kambiz Zand/
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